MIGRATORY BIRDS

2000 Montana Hunting Regulations

2000 Montana Migratory Bird Stamp Competition First Place Winner - Joe Thornbrugh, Artist

Montana Migratory Bird Stamp Program

The goals of the Montana Migratory Bird Stamp Program are to protect and enhance waterfowl habitat and to provide for a wide spectrum of waterfowl-related activities. The program's primary focus is to protect and develop wetlands and adjacent upland habitat for the long-term benefit of migratory birds. Funds for the program are generated from the sale of the required stamp to migratory bird hunters, and the nationwide sale of collector stamps, limited edition prints of the stamp and associated promotional items.

The dollars you spend on your Montana Migratory Bird stamp go directly into waterfowl habitat enhancement projects in this state. Your continued involvement is essential. This would be an excellent year for you to invest in the future of waterfowl by taking a youngster, a friend, or a former waterfowl hunter along when you go out to enjoy the great waterfowl hunting opportunities that Montana offers.

Thanks for your support and enjoy your waterfowl hunting season!

For further information on the Montana Migratory Bird Stamp Program, please contact Montana Fish, Wildlife & Parks at 406-444-2612 or write to FWP Migratory Bird Stamp Program, POB 200701, Helena MT 59620.

These regulations and final quotas are adopted under the authority granted to the commission in Section 87-1-301, MCA and are valid March 1, 2000 through February 28, 2001. These regulations were adopted by the Montana Fish, Wildlife & Parks Commission on August 24, 2000. Patrick J. Graham, Secretary.

LICENSE AND MISCELLANEOUS INFORMATION

• Persons under 12 may not legally hunt game birds.

• Both resident and nonresident migratory game bird hunters must carry on their person the required license(s). The Montana Migratory Bird Stamp must be signed in ink across the face of the stamp.

• A valid "Resident of Flathead Reservation Use Permit" with a valid Flathead Reservation bird stamp will be honored by the State wherever hunting for upland or migratory birds is lawful in Montana.

WHOOPING CRANES: Notice – Whooping Cranes are protected by law. It is illegal to take or attempt to take this bird. If a Whooping Crane is sighted, please call toll-free 1-800-332-6117.

NATIONAL WILDLIFE REFUGES: More restrictive regulations may apply to national wildlife refuges open to public hunting. For additional information on federal regulations, contact: Special Agent-in-Charge, U. S. Fish and Wildlife Service, P. O. Box 25486, Denver Federal Center, Denver, Colorado 80225. Telephone: 303-234-4612.

GENERAL REGULATIONS

MEANS OF TAKING – Migratory game birds may be taken only with long, recurve or compound bow and arrow or shotgun not larger than ten gauge incapable of holding more than three shells fired from the shoulder. May not be taken from or by means, or aid of, or use of a sinkbox, aircraft, motor vehicle, or motor-driven conveyance of any kind, except a motorboat when the motor has been shut off and the boat has stopped. Use of any electronic or phonographic waterfowl-calling device is illegal.

NON-TOXIC SHOT – It is unlawful for anyone to use or possess a shotgun shell or ammunition loaded with or containing other than federally approved non-toxic shot, while hunting, taking or attempting to take ducks, geese, swans or coots.

Federally approved legal shot includes steel, tin-bismuth, tungsten-iron and tungsten-polymer. Temporary approval of steel shot with coatings of <1% copper, nickel, zinc chromate or zinc chloride has also been granted for the 2000-2001 hunting season.

Possession of "other than non-toxic shot" means in the gun, or in the pockets, or within reach while in the process of waterfowl hunting. Shot, other than non-toxic shot, left in a vehicle, while parked in the waterfowl hunting area, would not be considered "in possession" for the purpose of hunting.

BAITING – Title 50, Code of Federal Regulations, Part 20.11 and 20.21(i). You cannot hunt waterfowl or any other migratory game bird by the aid of baiting or on or over any baited area where you know or reasonably should know that the area is or has been baited. Baiting is the direct or indirect placing, exposing, depositing, distributing, or scattering of salt, grain, or other feed that could lure or attract migratory game birds to, on, or over any areas where hunters are attempting to take them. A baited area is any area on which salt, grain, or other feed has been placed, exposed, deposited, distributed, or scattered, if that salt, grain, or feed could serve as a lure or attraction for migratory game birds.

The 10-Day Rule: A baited area remains off limits to hunting for 10 days after all salt, grain or other feed has been completely removed. Waterfowl will habitually still be attracted to the same area even after the bait is gone. The 10-day rule recognizes that removing bait does not remove the lure created and that waterfowl will still be attracted to the area.

You can hunt migratory game birds, including waterfowl, on, over or from:

• Standing crops or flooded standing crops, including aquatic plants.

• Standing, flooded, or manipulated natural vegetation. .

• Flooded harvested croplands.

• Lands or areas where grains have been scattered solely as the result of a normal agricultural harvesting or normal agricultural post-harvest manipulation.

• Lands or areas where top-sown seeds have been scattered solely as the result of a normal agricultural planting, or a planting for agricultural soil erosion control or post-mining land reclamation.

• From a blind or other place of concealment camouflaged with natural vegetation.

• From a blind or other place of concealment camouflaged with vegetation from agricultural crops, provided your use of such

Montana Migratory Bird Licensing Requirements

Waterfowl - (Duck, Geese, Swans)					Webless Migratory Game Birds (Doves, Cranes, Coot & Common Snipe)
Resident/Nonresident	Age	MT Migratory Bird Stamp Required Resident and Nonresident: $5.00	Federal Migratory Stamp Required Resident and Nonresident: $15.00	Conservation License Required Resident: $4.00 Nonresident: $5.00	
Resident	12 to 14	No	No	Yes	Conservation Only
Resident	15	Yes	No	Yes	Conservation & MT Migratory Bird Stamp
Resident	16 to 61	Yes	Yes	Yes	Conservation & MT Migratory Bird Stamp
Resident	62+ or FWP Certified Disabled	No	Yes	Yes	Conservation Only
Nonresident	12 to 14	No	No	Yes	Conservation Only
Nonresident	15	Yes	No	Yes	Conservation & MT Migratory Bird Stamp
Nonresident	16+	Yes	Yes	Yes	Conservation & MT Migratory Bird Stamp

vegetation does not expose, deposit, distribute or scatter grain or other feed. You should be aware that seeds or grains from such vegetation could create a baited area.

• On or over standing or flooded standing agricultural crops where grain is inadvertently scattered solely as the result of hunters entering or leaving the area, placing decoys, or retrieving downed birds. Hunters are cautioned that while conducting these activities, any intentional scattering of grains will create a baited area.

HUNTING HOURS – One half hour before sunrise to sunset except on the Flathead Indian Reservation, the hunting hours shall be sunrise to sunset.

LEAVE WING ATTACHED – One fully feathered wing or head must remain attached to each bird (except doves) at all times while being transported from the place where taken to the personal abode of the possessor or a processing facility.

WANTON WASTE – No person shall kill or cripple any migratory game bird pursuant to this part without making a reasonable effort to retrieve the bird, and retain it in his actual custody, at the place where taken or between that place and either (a) his automobile or principal means of land transportation; or (b) his personal abode or temporary or transient place of lodging; or (c) migratory game bird preservation facility; or (d) a post office; or (e) a common carrier facility.

GAME PARTS SUITABLE FOR FOOD – All birds that fall into the size category of a teal duck or smaller only the breasts must be retained.

All birds larger than a teal duck up to the size category of a mallard duck the breasts and the thighs must be retained.

All birds larger than mallard ducks, the breasts, thighs and wings must be retained.

FIELD POSSESSION LIMIT – No person shall possess more than one daily bag limit while in the field, or while returning from the field to one's vehicle, hunting camp, home, etc.

TAGGING – No person shall give, put or leave any migratory birds at any place or in the custody of another person unless the birds are tagged by the hunter with the following information: 1) The hunter's signature; 2) The hunter's address; 3) The total number of birds involved, by species; 4) The dates such birds were killed. Tagging is required if the birds are being transported by another person for the hunter, or if the birds have been left for cleaning, storage (including temporary storage), shipment, or taxidermy services.

FLATHEAD RESERVATION – The State of Montana and Confederated Salish and Kootenai Tribes have entered into a cooperative management agreement on the Flathead Reservation. Please check for migratory bird regulations specific to the Flathead Reservation. For information call FWP at 406-752-5501 or the Tribes at 406-675-2700.

CLOSED AREAS – State game preserves, closures and national parks shall remain closed to hunting of migratory game birds. For hunting privileges on Federal Wildlife Refuges, inquire at the local refuge office. Tribal regulations may differ from state regulations, consult tribal offices.

Wildlife Management Areas with big game winter range are closed to public entry from the day following the end of the general deer/elk season or December 1, whichever is later to May 15 each year, as posted. EXCEPTION: Blackfoot-Clearwater WMA closes November 10. From November 11 through the remainder of hunting season that portion of Cottonwood Creek lying downstream from the bridge (at WMA headquarters) including the ditch and pond (DU pond) that are connected to the creek will remain open to hunting for ducks and geese only, as posted.

SPECIAL TWO-DAY YOUTH WATERFOWL SEASON

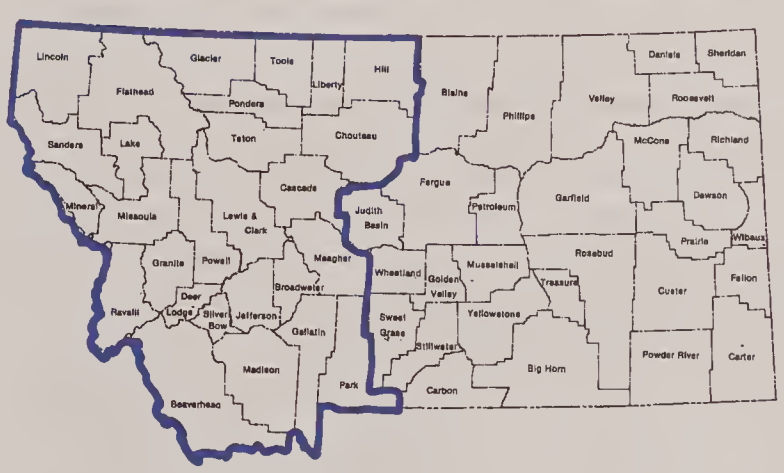
September 23 – 24 – Statewide

(See Canyon Ferry WMA Restriction below)

The U.S. Fish & Wildlife Service is allowing two additional days to provide a special hunting opportunity to encourage youth participation in waterfowling. Legally licensed hunters age 12 through 15 may hunt ducks, mergansers, geese and coots statewide on this day. A nonhunting adult at least 18 years of age must accompany the youth hunter in the field. The bag limit, shooting hours, hunter safety requirements and all other regulations that apply to the regular waterfowl season shall apply to this special season.

EXCEPTION: Canyon Ferry WMA: Shooting hours will be one-half (1/2) hour before sunrise to 12 noon September 23 and 24. Only the Pond 4 portion of Canyon Ferry (as posted) will be open to the Youth Hunt.

PACIFIC FLYWAY



PACIFIC FLYWAY: see closures

The Pacific Flyway includes Hill, Chouteau, Cascade, Meagher and Park counties and all counties lying west of these.

DUCKS –

Open Season:

September 30, 2000 – January 12, 2001

*See Exception 1, Pacific Flyway

Bag Limit: The daily bag limit is 7 ducks and mergansers, except that the daily bag may contain no more than 2 female mallards, 1 pintail, 2 redheads, 1 canvasback and 4 scaup.

The possession limit may not exceed twice the daily bag limit of any species and sex.

COOTS –

Open Season:

Concurrent with the duck season

Bag Limit: 25 daily and in possession

GEESE –

Open Season:

September 30, 2000 – January 7, 2001 (See Exceptions)

Daily Limit: 3 light geese (Snow, Blue, Ross') and 4 dark geese (any other geese)

Possession Limit: Twice the daily bag

COMMON (WILSON'S) SNIPE –

Open Season:

September 1, 2000 – December 16, 2000

Bag Limit: 8 daily and 16 in possession

SWAN –

Hunting in Cascade, Chouteau, Liberty, Hill, Toole and portions of Teton and Pondera Counties by special swan permit only. See Exception 1, Pacific Flyway (Swan).

Open Season:

October 14, 2000 – December 1, 2000

Swan hunters must have, as a means of retrieving swans, a watercraft, a dog capable of retrieving or chest-high waders along while hunting the dikes at Freezout Lake.

EXCEPTIONS – PACIFIC FLYWAY

Exception 1, Canyon Ferry (see legal description): September 30, 2000 – October 6, 2000. Hunting hours for all ducks, geese, mergansers and coots shall be one-half hour before sunrise to noon daily; thereafter, October 7, 2000 until close of the season, regular hunting hours apply.

LEGAL DESCRIPTION: Those portions of Broadwater, Lewis and Clark and Jefferson counties as follows: Beginning at Canyon Ferry Dam, then in a westerly and southerly direction along State Route 284 to US Highway 287, then east along said highway approximately one-quarter (1/4) mile to the Jefferson-Broadwater County line, then southerly along said line to the SW corner of T7N, R1W, then easterly along the south boundary of said township to its intersection with Indian Creek, then easterly down said creek to its intersection with US Highway 287, then southerly along said highway to its intersection with U. S. Highway 12 at Townsend, then easterly along said highway to the Broadwater-Meagher County line, then northerly along said line to the head of Magpie Gulch, then southerly down said gulch to State Route 284, then westerly along said highway to Canyon Ferry Dam, the point of beginning.

Exception 2, Missoula County: Closed to hunting of all geese: A tract of land comprised of portions of Sections 20, 21, 28, T13N, R18W, more particularly bounded and described as follows: Beginning at the Montana Power Dam at Milltown and extending in an easterly direction along the north shore of the impoundment to Interstate 90, then in a southeasterly direction along said interstate to the Old Milwaukee Railroad, then in a southwesterly direction across the reservoir where the old railroad bridge existed, then in a northwesterly direction along the railroad to the Montana Power Dam, the point of beginning.

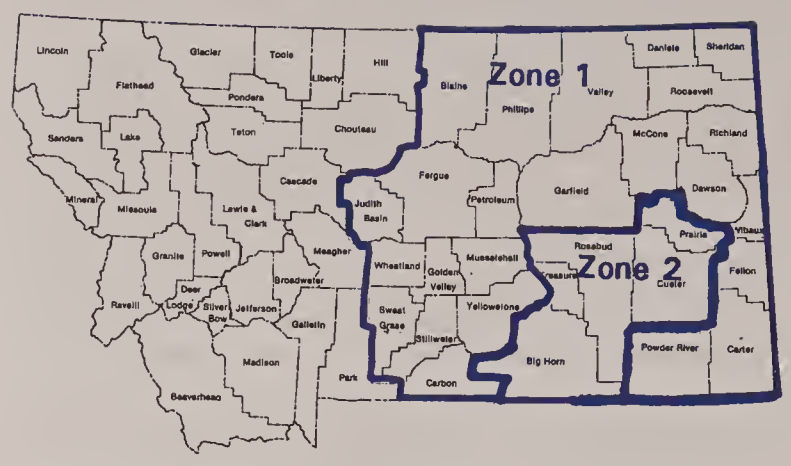
NOTE: Drawing will be conducted each morning to determine assignment of goose hunting pits at Ninepipes Wildlife Management Area.

EXCEPTION – PACIFIC FLYWAY (SWANS)

Exception 1: Closed to hunting of all swans: those portions of Teton and Pondera counties lying west of US Highway 287 from Augusta to Choteau and US Highway 89 from Choteau to the Blackfeet Indian Reservation.

CONSERVE GAME
USE A TRAINED RETRIEVER

CENTRAL FLWAY



CENTRAL FLYWAY – see closures

The Central Flyway includes Blaine, Fergus, Judith Basin, Wheatland, Sweet Grass, Stillwater and Carbon counties and all counties lying east of these.

DUCKS –

Zone 1: Includes Blaine, Carbon, Carter, Daniels, Dawson, Fallon, Fergus, Garfield, Golden Valley, Judith Basin, McCone, Musselshell, Petroleum, Phillips, Powder River, Richland, Roosevelt, Sheridan, Stillwater, Sweet Grass, Valley, Wheatland, Wibaux and Yellowstone Counties.

September 30, 2000 – January 4, 2001

Zone 2: Includes Bighorn County (where the Bighorn River is the county line between Yellowstone and Treasure counties, the Zone 1 and 2 boundary shall be northerly along State Highway 47 to its junction with I-94, then north along the section lines on the east side of Sections 30 and 31 to the Yellowstone River), Custer, Prairie, Rosebud and Treasure Counties.

September 30, 2000 – January 4, 2001

Bag Limits: The daily bag limit is 6 ducks containing no more than 5 mallards, of which no more than 2 may be females, 2 wood ducks, 2 redheads, 1 pintail, 1 canvasvack and 3 scaup. The daily merganser bag limit is 5 mergansers, containing no more than 1 hooded merganser.

The possession limit may not exceed twice the daily bag limit of any species and sex.

COOTS –

Open Season:

Concurrent with the duck season

Bag Limit: 15 daily and 30 in possession

GEESE –

Open Season:

September 30, 2000 – January 12, 2001

Daily Limit: 5 light geese (Snow, Blue, Ross') and 4 dark geese (all other geese)

Possession Limit: twice the daily bag

SANDHILL CRANE –

Open Season:

September 30, 2000 – November 26, 2000

Persons wishing to hunt Sandhill Cranes must obtain a free permit available in late August from the Bowdoin National Wildlife Refuge; Medicine Lake National Wildlife Refuge; Fish, Wildlife & Parks regional headquarters in Glasgow, Billings, Miles City and the Fish, Wildlife & Parks office in Helena.

Exceptions: That area south and west of Interstate Highway 90 shall be closed to the hunting of Sandhill Cranes.

Bag Limit: 3 daily and 6 in possession.

By permit only: Wheatland County and that part of Sweetgrass County north of I-90:

September 9, 2000 – September 17, 2000

Hunting in specified portions of these two counties is by special limited permit only. Hunters must apply in writing by July 1. Hunters may apply for only one permit area in the state and must specify area of choice.

Bag & Possession Limit: 1 crane

COMMON (WILSON'S) SNIPE –

Open Season:

September 1, 2000 – December 16, 2000

Bag Limit: 8 daily and 16 in possession

TUNDRA SWAN –

Open Season:

September 30, 2000 – January 4, 2001

Hunting by special swan permit only. Inquire with the Montana Fish, Wildlife & Parks Helena Headquarters, the Billings and Glasgow regional offices or Bowdoin and Medicine Lake National Wildlife Refuges after September 20 as to the availability of swan permits for the Central Flyway.

FALCONRY SEASON –

Ducks and Coots – PACIFIC FLYWAY

September 30, 2000 – January 12, 2001

Ducks and Coots – CENTRAL FLYWAY

September 22, 2000 – January 4, 2001

Geese – Statewide

September 30, 2000 – January 12, 2001

Bag Limit: For all permitted migratory birds, the bag limit is 2 daily and 6 in possession, singly or in the aggregate, during the regular hunting season and the extended falconry season.

STATEWIDE CLOSURES

By order of the Montana Fish, Wildlife & Parks Commission, the following described areas are closed to hunting, harassment or molesting of migratory waterfowl. Some national wildlife refuges may have regulations differing from the statewide regulations on certain species. Check with refuge manager before hunting.

Region 1, Flathead County: Beginning where the west access road to the Flathead Lake Waterfowl Production Area enters said area in the SW1/4 of the SE1/4, Section 24, T26N, R21W approximately one-half mile east of the town of Somers, then E-NE along fence marking US Fish and Wildlife Service property as posted to the west property line of the Dedman ownership in the W1/2 of Section 20, T26N, R20W, then south along said line fence as posted to the north shore of Flathead Lake, then south and westerly approximately 1 ¾ miles to the US Fish & Wildlife Service ownership sign as posted in the N1/2 of the N1/2 of Section 25, T27N, R32, then northerly along west property line of said Waterfowl Production Area to the point of beginning. **(This area is also closed to hunting of upland game birds).**

Region 2, Warm Springs Pond No. 3: (Deer Lodge County): An area of land comprising portions of Sections 1, 2 11 and 12, T4N R10, portions of Sections 30 and 31, T5N, R9W, and portions of Sections 25 and 36, T5N, R10W, described as follows: Beginning at the junction of Interstate 90 and the Opportunity Road; then northerly on said road to the northerly base of the dike of Warm Springs Settling Pond No. 3; then northwesterly along the base of said dike to the area road passing through the Mill-Willow Bypass; then due west from junction of base of said dike and road to Interstate 90 (as posted), then southerly along said interstate to its junction with Opportunity Road, the point of beginning.

Region 3, Portion of the Manhattan Game Closure: Beginning at the intersection of the west bank of the West Gallatin River and Interstate 90, then running west along the south boundary of said Interstate to a point near the interstate which leads to the ranch entrance of the R. A Young Ranch, then southwesterly to the east bank of the Spring Creek irrigation canal, then southwesterly along the east bank of said canal to the closest point to the Perk's Canal, then (as posted) westerly to the Perk Canal, then southerly along the east bank of the Perk Canal to Camp Creek, then southerly along the southeast side of Camp Creek to a left fork known as Spring Creek, then southerly along the southeast bank of Spring Creek to the south line of Section 23, T1N, R3E, then east along the south line of Sections 23 and 24, T1N, R3E, and Section 19 T1N, R4E, to the West Gallatin River, then north along the west bank of said river to its intersection with Interstate 90, the point of beginning.

Region 3, Helena Valley Regulating Reservoir (Lewis & Clark County): The Bureau of Reclamation Regulating Reservoir located in Sections 4, 5, 8, 9, 16 and 17, T10N, R2W in the Helena Valley as posted. (This area will be open to hunting until the opening of the waterfowl season, then it will be closed to all hunting.)

Region 3, South Half of Lake Helena (Lewis & Clark County): Beginning at a point in the southwest part of Lake Helena to be marked by a red buoy, then in a southwesterly direction to the south shore, then south approximately ½ mile, then in an easterly direction 1-1/2 miles, then north ¼ mile, then east ¾ mile to the west bank of the BLM drain ditch D-7, then down the west bank of the drain ditch to the lake and out into the lake a distance of 400 yards to a point marked by a red buoy, then in a southwesterly direction across the lake to the point of beginning in parts of Sections 23, 24, 25 and 26, T11N, R3W, and in parts of Sections 19 and 30, T11N, R2W.

Region 4, Freezout Wildlife Management Area: (Teton County): SW1/4, Section 19, Sections 29 and 30, T22N, R3W, W1/2 Section 12, W1/2 of E1/2 Section 12, and that portion of Sections 13 and 24 within the posted boundary of the Freezout Wildlife Management Area, T22N, R4W. (This area will be open to upland game bird hunting until the opening of the general waterfowl season; from the opening of the waterfowl season through November 19, 2000, no hunting, access or harassment of wildlife will be allowed except for the direct and immediate foot, boat or dog retrieval of downed game having fallen in the closed area. This area will then reopen for all hunting from November 20, 2000 to the end of the season.

Region 4, Missouri River (Cascade County): The Missouri River below the ordinary high water inclusive of all islands, backwaters, and sandbars, beginning at the confluence of Sand Coulee Creek and the Missouri River, Section 36, T20N, R3E, then downstream to Black Eagle Dam, Section 6, T20N, R4E.

Region 5: None

Region 6, McLean Reservoir (Hill County): Approximately 2,560 acres located in Sections 16, 17 20, 21, T36N, R15E.

Region 6, Nelson Reservoir (Phillips County): All of those parts of Nelson Reservoir and within 300 yards of its shoreline within the following described sections: Sections 13, 14, 15, 22, 23, 24, 25, 26, 27, 31, 32, 33, 34 and 35, T32N, R32E; and Sections 25 and 26, T32N, R31E; and Section 1, T31N, R31E; and Sections 3, 4, 5 and 6, T31N, R32E.

Region 6, North Chinook Reservoir (Blaine County): Approximately 2,215 acres located in the following sections and part sections of T35N, R18E: NE ¼, NW ¼, N ½, SE ¼, N ½, S ½, SE ¼, portion of the SW ¼ Section 22, 23, and 24; NE ¼. SE ¼, N ½, NW ¼, portion of S ½ NW ¼ Section 25: portion of the N ½, NW ¼ Section 26.

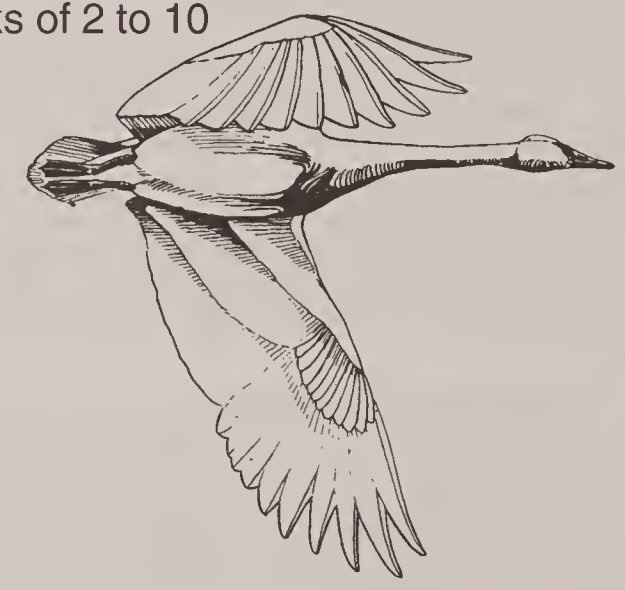
Region 6, Sands Lake (Hill County): SW ¼, Section 18, T32N, R16E.

Region 7, Treasure & Rosebud Counties: Beginning at the junction of the Bighorn and Yellowstone Rivers, then east down the Yellowstone River to the Rosebud-Custer County line, east of Hathaway, Montana (as posted). This closure shall be within the confines of the normal stream flow and shall include all islands, backwaters and sandbars.

IF WHOOPING CRANE IS SIGHTED CALL 1-800-332-6117

SWANS

- All white
- Neck long, extended straight forward in flight
- Wingspan: over 6 feet
- Short legs, do not extend beyond tail in flight
- Flocks of 2 to 10

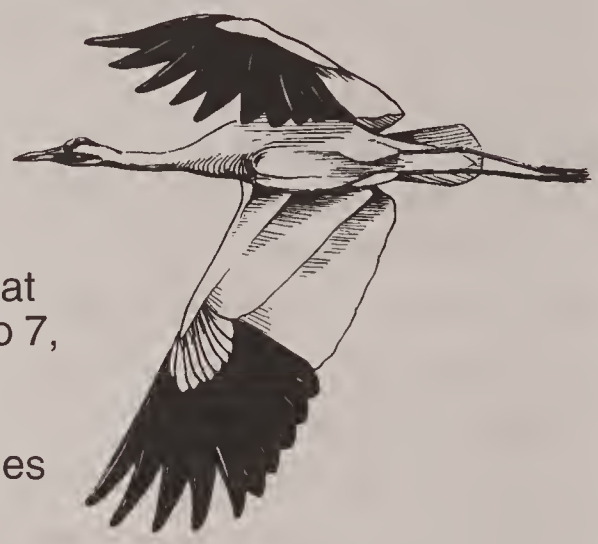


SNOW GEESE

- White with black wingtips
- Wingspan: 3 to 4 feet
- Short legs
- Rapid wingbeat
- Flocks of 20 to hundreds

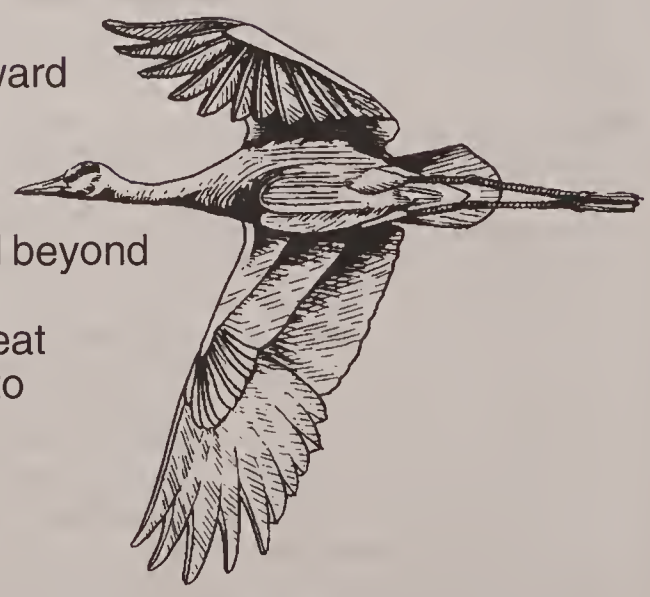
WHOOPING CRANES

- White with black wingtips
- Juveniles have a mixture of white and brown body feathers, with black wingtips
- Necks long, extended straight forward in flight
- Wingspan: 7 feet
- Legs extend beyond tail in flight
- Slow wingbeat
- Flocks of 2 to 7, sometimes migrate with sandhill cranes



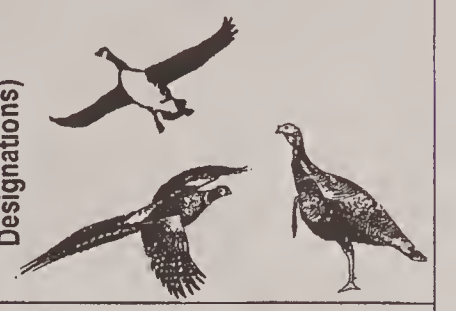
SANDHILL CRANES

- Gray, with dark wingtips
- Neck long, extended straight forward in flight
- Wingspan: 5 feet
- Legs extend beyond tail in flight
- Slow wingbeat
- Flocks of 2 to hundreds



CONSEP 2000 STEEL SHOT LETHALITY TABLE©

Proven Steel Shot Loads For Waterfowl & Upland Game Birds[1] *Load Velocity: 1,225 - 1,450 FPS* **ACTIVITY**	Typical Shooting Range of Activity (Yards)	Most Effective Steel Shot Size(s) for Activity	Minimum Load Weight (Ounces)	Minimum Pellet Hits Needed on Lethal Areas for Clean Kills	Minimum Pattern Count Needed at Any Distance for Clean Kills (Number Of Pellets in 30" Circle)	Most Effective Choke(s) (Given in Lead Shot Designations)
Large Geese At Long Range[2] Giant, Western, Atlantic and Interior Canadas	50-65	BBB to T	1-1/4	1-2	50-55	Improved Modified
Large Geese Over Decoys[2]	40-50	BB to BBB	1-1/8	1-2	50-55	Modified
Medium/Small Geese Long Range[2] Snow, White-front, Lesser Canadas	50-65	BB to BBB	1-1/4	1-2	60-65	Improved Modified
Medium/Small Geese Over Decoys[2]	40-50	2 to BB	1-1/8	1-2	60-65	Modified
Large Ducks At Long Range Mallard, Black, Pintail, Goldeneye, Gadwall	45-65	2 to 1	1-1/8	1-2	85-90	Full
Large Ducks Over Decoys[3, 4]	20-45	6 to 2	¾ - 1	1-2	85-90	I.C. (20-35 Yds), Mod. (35-45 Yds)
Medium Ducks Over Decoys[3, 4] Wigeon, Scaup, Shoveler	30-45	6 to 3	1	1-2	115-120	Improved Cylinder (20-35 Yards), Modified (35-45 Yards)
Small Ducks Over Decoys[3, 4] Teal, Ruddy, Bufflehead	30-45	6 to 4	1	1-2	135-145	Modified (20-35 Yards), Full (35-45 Yards)
Ring-Necked Pheasants	20-50	3 to 2	1	2-3	90-95	I.C. (20-30 Yds), Mod. (30-50 Yds)
Turkeys (Head and Neck Shots)	20-40	4	1-1/4	3-4	210-230	Full or Extra Full
Swatter Load For Wounded Birds	20-35	7 to 5	1	1	175	Mod. or Full (7's or 6's), Full (5's)



This table summarizes analysis to date of the waterfowl and upland game bird lethality data base of the Cooperative North American Shotgunning Education Program (CONSEP). Responsible shotgun hunters not only engage in thorough pattern testing and ample target practice, but also restrict shooting to ranges less than 45 yards.

Note: To date, steel #BBB (.190") has exhibited the best all-around performance for taking geese; steel #3 (.140") the best all-around performance for taking ducks.

1 These findings are derived from testing 3" 20-gauge and $2^{3}/_{4}$", 3" and $3^{1}/_{2}$" 12-gauge steel loads. As additional pellet sizes, load configurations, and gauges are tested and data bases completed, findings will be updated and may change.

2 Steel #F (.220") in all 12-gauge load configurations has exhibited the highest crippling rate on geese of all steel pellet sizes tested. Due to inadequate pattern density, steel #F has not proven lethal on geese beyond 55 yards.

3 Steel #4 (.130") has exhibited good all-around performance for taking small and medium-sized ducks, but has not proven lethal on large ducks beyond 45 yards.

4 Steel #6 (.110") has proven lethal out to 40 yards on all ducks tested. It has proven particularly effective out to 35 yards when used with chokes no tighter than modified.

This terminal ballistics information is provided courtesy of the members of CONSEP. CONSEP is a research and information service currently funded jointly by 25 U.S. state fish and wildlife agencies; the U.S. Fish and Wildlife Service; the Canadian Wildlife Service; the British Association for Shooting and Conservation (BASC); the Office National de la Chasse, France; the Victoria Department of Natural Resources and Environment, Australia; the Danish Hunters' Association, Denmark; Winchester Division/Olin Corporation; and Remington Arms Company. Contributing members include Larry Gore's Katy Prairie and Eagle Lake Outfitters, and Briley Manufacturing Company.

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Waterfowl Hunter Field Log

Date	County Hunted	No. of Ducks Shot & Retrieved	No. of Geese Shot & Retrieved
Totals			

PLEASE REPORT THE BAND NUMBER, LOCATION AND DATE SHOT FOR ANY BANDED MIGRATORY GAME BIRD THAT YOU HARVEST TO THE FISH & WILDLIFE SERVICE AT 1-800-327-BAND

Montana Fish, Wildlife & Parks State Headquarters

1420 East 6th Ave
PO Box 200701, Helena MT 59620
406-444-2535
http://fwp.state.mt.us

Hunter Education, Helena
406-444-4046

Telephone Device for the Deaf
406-444-1200

Wildlife Division, Helena
406-444-2612

Information Hotline
1-900-225-5397

Enforcement Division, Helena
406-444-2452

Montana Fish, Wildlife & Parks Regional Boundaries

Montana Fish, Wildlife & Parks Regional Headquarters

REGION 1
490 North Meridian Rd
Kalispell, MT 59901
(406) 752-5501

REGION 2
3201 Spurgin Rd
Missoula, MT 59804
(406) 542-5500

REGION 3
1400 South 19th
Bozeman, MT 59718
(406) 994-4042

REGION 4
4600 Giant Springs Rd
Great Falls, MT 59405
(406) 454-5840

REGION 5
2300 Lake Elmo Dr
Billings, MT 59105
(406) 247-2940

REGION 6
Route 1 - 4210
Glasgow, MT 59230
(406) 228-3700

REGION 7
PO Box 1630
Miles City, MT 59301
(406) 232-0900

Montana Fish, Wildlife & Parks Area Resource Offices

BUTTE (BARO)
1820 Meadowlark Ln
Butte, MT 59701
(406) 494-1953

HELENA (HARO)
930 Custer Ave. W
Helena, MT 59620
(406) 444-4720

HAVRE (HvARO)
2165 Hwy 2 East
Havre, MT 59501
(406) 265-6177

LEWISTOWN (LARO)
2358 Airport Rd
Lewistown, MT 59457
(406) 538-4658

Turn In Poachers
1-800-TIP-MONT or 1-800-847-6668

2000 Sunrise-Sunset Tables

These tables, including adjustments for daylight savings time, are the official sunrise-sunset tables adopted by the Montana Fish, Wildlife & Parks Commission for hunting in Montana. (Do not utilize from other sources).

These tables apply only to the 2000 hunting season. Check with any FWP office or your local license agent after March 1, 2000 to obtain a copy of the 2001 Sunrise/Sunset Table.

	Zone 1		Zone 2		Zone 3		Zone 4	
September	Rise	Set	Rise	Set	Rise	Set	Rise	Set
25-27	7:28	7:26	7:20	7:18	7:06	7:04	6:55	6:54
28-30	7:32	7:20	7:24	7:12	7:10	6:59	6:59	6:48
October								
1-3	7:36	7:14	7:28	7:06	7:13	6:53	7:03	6:42
4-6	7:40	7:08	7:32	7:01	7:17	6:47	7:07	6:36
7-9	7:44	7:03	7:36	6:55	7:21	6:42	7:11	6:30
10-12	7:48	6:57	7:40	6:49	7:25	6:36	7:15	6:25
13-15	7:52	6:51	7:44	6:44	7:29	6:31	7:19	6:19
16-18	7:56	6:46	7:48	6:38	7:33	6:25	7:23	6:14
19-21	8:01	6:40	7:52	6:33	7:37	6:20	7:27	6:08
22-24	8:05	6:35	7:57	6:28	7:41	6:15	7:31	6:03
25-27	8:09	6:30	8:01	6:23	7:45	6:10	7:36	5:58
28	8:14	6:25	8:05	6:18	7:50	6:06	7:40	5:54
29-31	7:17	5:22	7:08	5:15	6:52	5:03	6:43	4:50
November								
1-3	7:19	5:19	7:11	5:12	6:56	5:00	6:46	4:47
4-6	7:24	5:15	7:15	5:07	7:00	4:55	6:50	4:43
7-9	7:28	5:11	7:20	5:03	7:04	4:52	6:55	4:39
10-12	7:33	5:07	7:24	5:00	7:08	4:48	6:59	4:35
13-15	7:37	5:03	7:28	4:56	7:12	4:44	7:03	4:32
16-18	7:41	5:00	7:33	4:53	7:16	4:41	7:07	4:29
19-21	7:46	4:57	7:37	4:50	7:20	4:39	7:12	4:26
22-24	7:50	4:55	7:41	4:48	7:24	4:36	7:16	4:23
25-27	7:54	4:52	7:45	4:45	7:28	4:34	7:20	4:21
28-30	7:58	4:51	7:49	4:44	7:32	4:32	7:23	4:19
December								
1-3	8:01	4:49	7:53	4:42	7:36	4:31	7:27	4:18
4-6	8:05	4:48	7:56	4:41	7:39	4:30	7:30	4:17
7-9	8:08	4:48	7:59	4:41	7:42	4:30	7:34	4:17
10-12	8:11	4:47	8:02	4:41	7:45	4:30	7:37	4:16
13-15	8:13	4:48	8:05	4:41	7:48	4:30	7:39	4:17
16-18	8:16	4:48	8:07	4:42	7:50	4:31	7:42	4:17
19-21	8:18	4:49	8:09	4:43	7:52	4:32	7:43	4:19
22-24	8:19	4:51	8:10	4:44	7:53	4:33	7:45	4:20
25-27	8:20	4:53	8:11	4:46	7:54	4:35	7:46	4:22
28-30	8:21	4:55	8:12	4:48	7:55	4:37	7:47	4:24
31	8:21	4:57	8:12	4:50	7:55	4:39	7:47	4:26
January								
1-3	8:21	4:59	8:12	4:52	7:55	4:41	7:47	4:28
4-6	8:21	5:02	8:12	4:55	7:55	4:44	7:47	4:31
7-9	8:20	5:05	8:11	4:58	7:55	4:47	7:46	4:34
10-12	8:19	5:09	8:10	5:02	7:53	4:51	7:45	4:38

Zone 1: Flathead, Granite, Lake, Lincoln, Mineral, Missoula, Ravalli and Sanders Counties.

Zone 2: Beaverhead, Broadwater, Cascade, Chouteau, Deer Lodge, Gallatin, Glacier, Hill, Jefferson, Lake, Lewis & Clark, Liberty, Meagher, Park, Pondera, Powell, Silver Bow, Teton and Toole Counties.

Zone 3: Blaine, Bighorn, Carbon, Fergus, Golden Valley, Judith Basin, Musselshell, Petroleum, Phillips, Stillwater, Sweet Grass, Wheatland and Yellowstone Counties

Zone 4: Carter, Custer, Daniels, Dawson, Fallon, Garfield, McCone, Powder River, Prairie, Rosebud, Richland, Roosevelt, Sheridan, Treasure, Wibaux and Valley Counties.

Montana Fish, Wildlife & Parks